

Clean version of Amended Specification Paragraph

IN THE SPECIFICATION:

Please replace the paragraph beginning at page 5, line 15 with the following rewritten paragraph:

c\ Figure 3 shows the basic features of the new invention. The mixer 40 is generally shown. The mixer includes the mixer core 50 and the RF input stage 60. The mixer core 50 is coupled to the RF input stage 60. The mixer core 50 includes four transistors Q4-Q7 coupled as two differentially cross-coupled pairs as in the prior art of Figure 2. The first differential transistor pair Q4 and Q5 are common emitter connected to the RF input stage 60 by way of the collector terminal of a transistor Q2 in the RF input stage 60. Similarly, the second differential transistor pair Q6 and Q7 are also common emitter coupled to the RF input stage 60 by way of the collector terminal of transistor Q3 in the RF input stage 60.